MTTO 24 JAN 2005 International Application No.

REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

International Filing Date Name of receiving Office and "PCT International Application"

	Applicant's or agent' (If desired) (12 chara	's file reference caus maximum) MCM/PWJ/24648GB	
Box No. I TITLE OF INVENTION Integrated Loop Antenna For Vehicular Applicat	tions		
Box No. II APPLICANT This person	n is also inventor		
Name and address: (Family name followed by given name; for a legal entity, full afficial designation. The address must include postal code and name of country. The country of the address bulicated in this Bax is the applicant's State (that is, country) of residence if no State of residence is indicated below.)			
Harada Industries (Europe) Limited Bell Heath Way Woodgate Business Park		Facsimile No.	
		Teleprinter No.	
Clapgate Lane, Birmingham, B32 3BZ United Kingdom	Applicant's registration No. with the Office		
State (that is, country) of nationality: United Kingdom	State (that is, country United Kingdo		
	States except stee of America	the United States of America only the States indicated in the Supplemental Box	
Box No. III FURTHER APPLICANT(8) AND/OR (FURTH			
Name and address: (Family name followed by given name; for a legal entity the address must beclude pastal code and name of country. The country of the Bax is the applicans's State (that is, country) of residence if no State of residence LEELARATNE; Dedimuni Rusiru Vinodaka 55 Tunstall Road Canterbury, Kent, CT2 7BX	y, full official designation, e address trulicated in this is indicated belove.)	This person is: applicant only applicant and inventor inventor only (if this check-box is marked, do not fill in below.)	
United Kingdom		Applicant's registration No. with the Office	
tate (that is, country) of nationality: Sri Lanka State (that is, country) of residence: United Kingdom			
This person is applicant all designated all designated for the purposes of:	States except es of America	the United States of America only the Supplemental Box	
Further applicants and/or (fluther) inventors are indicated on	a continuation sheet.		
Box No. IV AGENT OR COMMON REPRESENTATIVE;	OR ADDRESS FOR	CORRESPONDENCE	
The person identified below is hereby/has been appointed to act on of the applicant(s) before the competent International Authorities as	bchaif X	agent common representative	
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address wast include pastal code and name of country.)		Telephone No. +44 (0)20 7830 0000	
MOIR, Michael Christopher Mathys & Squire		Facsimile No. +44 (0)20 7830 0001	
100 Gray's Inn Road London WC1X 8AL		Teleprinter No.	
		Agent's registration No. with the Office	
Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.			
		Con Notes to the second form	

Form PCT/RO/101 (first sheet) (March 2001; reprint July 2003)

Sheet No	2			
S S. BOX No. III FURTHER APPLICANT(S)	ND/OR (FURTHER)	inventor(s)		
	Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S) If none of the following sub-boxes is used, this sheet should not be included in the request.			
Name and address: (Family name followed by given name; for a legal entir The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence	y, full official designation.	This person is: applicant only		
CALLAGHAN; Peter 2 Kilndown Gardens Canterbury		inventor only (If this check-box to marked, do not fill in below.)		
Kent, CT2 7TY United Kingdom		Applicant's registration No. with the Office		
State (that is, country) of nationality:	State (that is, country United Kingdo			
United Kingdom This person is applicant all designated the United States.	States except	the United States The States indicated in		
for the purposes of: States the United Sta	LES OF ATRICALS	of America only the Supplemental Box		
Name and address: (Pamily name followed by given name: for a legal entry the eddress must lacked a postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence is the applicant's Panish in Charles Drayson Court Faversham Kent, ME13 8BB	v, full official designation, address indicated in this is indicated below)	This person is: applicant only special and inventur inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office		
United Kingdom	State (that is, country,	of residence:		
State (that is, country) of nationality: United Kingdom	United Kingdo			
This person is applicant all designated all designated for the purposes of:	States except on of America	the United States of America only the States indicated in the Supplemental Box		
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State (that is, country) of nationality:	State (that is, country)	of residence:		
This person is applicant all designated all designated for the purposes of:		the United States the Sunse indicated in the Supplemental Box		
Name and address: (Family name followed by given name; for a legal entity, The address must include postal code and name of country. The country of the a Box is the applicant's State (that is, country) of residence if no State of residence is	full official designation. dairess indicated in this indicated below.)	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.)		
		Applicant's registration No. with the Office		
State (that is, country) of nationality:	tate (that is, country)	of residence:		
This person is applicant all designated States all designated States This person is applicant States all designated States		the United States indicated in the States indicated in the Supplemental Box		
Further applicants and/or (further) inventors are indicated on another continuation sheet.				
om POT/RO/101 (continuation sheet) (March 2001; reprint July 2003) See Notes to the request form				



Sheet No. ...3...



Box No			w: at least one must be marked.	
The fol	lowing designations are hereby made u	under Rule 4.9(a):		
n	1 Detent			
⊠ AP	ARIPO Patent: GH Ghana, GN SL Sierra Leone, SZ Swaziland, TZ State which is a Contracting State of	of the Hartre Protocol and of the PCT (if of	W Malawi, MZ Mozambique, SD Sudan, ZM Zambia, ZW Zimbabwe, and any other ther kind of protection or treatment desired,	
M EA	EA Eurasian Patent: AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhatan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT			
	European Patent: AT Austria, BE Belgium, BG Bulgaria, CH & Li Switzerland and Liechtenstein, CY Cyprus, CZ Czech Republic, DE Germany, DK Denmark, EE Estonia, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, HU Hungary, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, RO Romania, SE Sweden, SI Slovenia, SK Slovakia, TR Turkey, and any other State which is a Contracting State of the European Patent Convention and of the PCT			
	GA Gabon, GN Guinea, GQ Equator TD Chad, TG Togo, and any other Statement desired. 4	State which is a member State of OAPI and a specify on dotted line)	G Congo, CI Côte d'Ivoire, CM Cameroon, di, MR Mauritania, NE Niger, SN Senegal, a Contracting State of the PCT (if other kind	
Nation	al Patent (If other kind of protection of	or treatment destred, specify on dotted line):	M	
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Check-bo	ixes below reserved for designating State	tes which have become party to the PCT at	fler issuance of this sheet:	
⊐ <u></u>	·····		The state of the s	
recautio	mary Designation Statement: In addi	ition to the designations made above, the	applicant also makes under Rule 4.9(b) all	
ther desi	gnations which would be permitted und	der the PCT except any designation(8) in	dicated in the Supplemental Box as being	

Precautionary Designation Statement: In addition to the designations made above, the applicant also makes under the 2-50 km other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (Including fees) must reach the receiving Office within the 15-month time limit.)

Form PCT/RO/101 (second sheet) (July 2003)

See Notes to the request form

Sheet No. ...4...

Supplemental Box

If the Supplemental Box is not used, this sheet should not be included in the request.

- If, in any of the Boxes, except Boxes Nos. VIII(i) to (v) for which a special continuation box is provided, the spece is insufficient to furnish all the information: in such case, write "Continuation of Box No...." (indicate the number of the Box) and furnish the information in the same manner as required according to the captions of the Box in which the space was insufficient, in MOIR; Michael Christopher Mannercular:
- (i) If more than two persons are to be indicated as applicants and/or inventors and no "continuation sheet" is available; in such case, write "Continuation of Box No. III" and indicate for each additional person the same type of information as required in Box No. III. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below;
- (ii) if, in Box No. II or in any of the sub-boxes of Box No. III, the indication "the States indicated in the Supplemental Box" is checked: in such case, write "Continuation of Box No. II" or "Continuation of Box No. II" and No. III" (as the case may be), indicate the name of the applicant(s) involved and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurostan, European or OAPI patent) for the purposes of which the named person is applicant: applicant:
- if, in Box No. If or in any of the sub-boxes of Box No. III, the Inventor or the inventor/applicant is not inventor for the purposes of all designated States or for the purposes of the United States of America: in such case, write "Continuation of Box No. II" or "Continuation of Box No. III" or "Continuation of Boxes No. II and No. III" (as the case may be), indicate the name of the inventor(s) and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurosian, European or OAPI patent) for the purposes of which the named person is inventor; named person is inventor;
- if, in addition to the agent(s) indicated in Box No. IV, there are further agents: in such case, write "Continuation of Box No. IV" and indicate for each further agent the same type of information as required in Bax No. IV;
- (v) if, in Box No. V, the name of any State (or OAPI) is accompanted by the indication "patent of addition." or "certificate of addition." or if, in Box No. V, the name of the United States of merica is accompanied by an indication "continuation" or "continuation-in-part": in such case, write "Continuation of Bax No. V" and the name of each State involved (ar OAPI), and after the name of each such State (or OAPI), the number of the parent title or parent application and the date of grant of the parent title or filing of the parent application;
- ff, in Box No. VI, there are more than five earlier applications whose priority is claimed: In such case, write "Continuation of Box No. VI" and indicate for each additional earlier application the same type of information as required in Box No. VI.
- if, with regard to the precautionary designation statement contained in Box No. V. the applicant wishes to exclude any State(s) from the scope of that statement: in such case, write "Designation(s) excluded from precautionary designation 2. statement" and indicate the name or two-letter code of each State so excluded

COZENS; Paul Dennis SCHLICH; George William KAZI; Ilya

COLMER: Stephen Gary MURRAY; Elicabeth Anne MACLEAN: Martin Robert } All of:

Mathys & Squire 100 Gray's Inn Road London WC1X 8AL United Kingdom

ADAMS; Harvey Vaughan John WONG; Kit Yee TAYLOR; Kathryn May

•••		Sheet No5		
Box No. VI PRIORI	TY CLAIM			
The priority of the follow	ving earlier application(s) is here	by claimed:		·-
Filing date	Number of earlier application		Where earlier application	is:
of earlier application (day/month/year)	Of carrier application	national application: country of Member of WTO	regional application: regional Office	international application receiving Office
item (1) 24 July 2002	0217157.7	United Kingdom		·
item (2)		·		
item (3)				
item (4)	·			
item (5)				
on Office is the	as are indicated in the Supplemental states and transmit to prepare and transmit to filed with the Office which for the states of the states are the states and transmit to the states are	n the International Bureau	a certified copy of the e	arlier application(s) (only ecciving Office) identified
above as: all items item		item (3) item	—	other, see Supplemental Box
* Where the earlier application industrial Property or one l	tion is an ARIPO application, in Member of the World Trade Org	dicate at least one country canization for which that e	party to the Paris Conve criter application was file	ntion for the Protection of ed (Rule 4.10(b)(ii)):
Box No. VII INTERNA	TIONAL SEARCHING AUT	HORITY		
Choice of International Se	erching Authority (ISA) (if two-	o or more International Se letter code may be wed);	carching Authorities are c	competent to carry out the
ISA / EP				
Request to use results of er	arlier search; reference to the	nt search (If an earlier sea	arch has been corried out	by ar requested from the
International Searching Asah Date (day/manth/year)	Number	r Count	ry (or regional Office)	
Box No. VIII DECLARAT	ΠONS			
The following declarations: check-baxes below and indica	are contained in Boxes Nos. V	III (i) to (v) (mark the apper of each type of declarat	plicable ion):	Number of declarations
Box No. VIII (i)	Declaration as to the identity	of the inventor		:
Box No. VIII (ii)	Box No. VIII (ii) Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent:			:
Box No. VIII (iii)	Box No. VIII (iii) Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application :			:
Box No. VIII (iv)	Declaration of inventorship (o United States of America)	only for the purposes of t	he designation of the	:

Form PCT/RO/101 (third sheet) (July 2002; reprint July 2003)

Box No. VIII (v)

See Notes to the request form

Declaration as to non-prejudicial disclosures or exceptions to lack of novelty :

		4
Cheet No.	6	

Box No. IX CHECK LIST; LANGUAGE OF FILING				
This international application contains: (a) in paper form, the following number of	This international application is accompanied by item(s) (mark the applicable check-boxes below an right column the mumber of each item):	the following Number d indicate in of items		
Elleerz:	1. Tee calculation sheet	:		
request (including 6 declaration sheets)	2. original separate power of attorney	;		
	3. Coriginal general power of attorney	:		
sequence listings and the sequence listings and the sequence listings and the sequence sequence (sequence sequence seque	4. copy of general power of attorney; refer if any:	ence number,		
claims : 4	5. statement explaining lack of signature	:		
abstract : 1	6. primity document(s) identified in Box N	lo. VI as		
drawings 5	item(s):			
Sub-total number of sheets: 28 sequence listings:	7. Translation of international application in (language):			
rables related thereto	8. separate indications concerning deposite or other biological material	d microorganism :		
(for both, acoust number of sheets if filed in paper form, whether or not also filed in	9. sequence listings in computer readable for	nu e		
whether or not also form; computer readable form; see (c) below)	(i) copy submitted for the purposes of in	ternational search under cinternational application) :		
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Figure of the drawings which	Language of filing of the international application:	English		
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Box No. X SIGNATURE the name of the person sign	, AGENT OR COMMON REPRESENTATIVE ing and the capacity in which the person signs (I such capaci	th it was devices from remarks are referred.		
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MOIR, Michael Christopher				
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international applications.				
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:				
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4. Date of timely receipt of the required corrections under PCT Article 11(2):				
5. International Searching Authority (if two or more are competent): ISA / 6. Transmittal of search copy delayed until search fee is paid				
	For International Bureau use only			
Date of receipt of the record copy by the International Bureau:		•		
by the International Button				

Form PCT/RC/101 (last sheet) (January 2003: reprint July 2003)

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